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Notice of Allowability	Application No.	Applicant(s)	
	10/750,171	KIDD ET AL.	
	Examiner	Art Unit	
	Le H. Luu	2141	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed on 12/31/03 - 08/02/04.
2. ☒ The allowed claim(s) is/are 1-33.
3. ☒ The drawings filed on 31 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

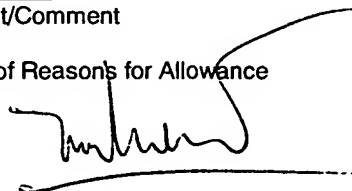
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |



**LE HIEN LUU
PRIMARY EXAMINER**

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

2. Pursuant to MPEP 606.01, the title has been changed to read:

-- A SYSTEM USING STATE CHANGE REQUESTS RECEIVED OVER A
NETWORK TO CHANGE CURRENT STATE OF A NETWORK DEVICE
TO A DESIRED STATE AT A PARTICULAR TIME --

3. The following is an Examiner's Statement of Reasons for Allowance:

McCormack et al., Pub. No. 2003/0172138, teach a system and method for managing electronic devices include permanently maintaining at a central location a plurality of characterizations for each of the electronic devices. Each characterization reflects the previous, current, or future state of a corresponding electronic device. Each characterization is also linked to each other characterization. As a result, a change to one characterization triggers a change to each other characterization. A characterization can change when a corresponding electronic device changes. If a characterization is modified for other reasons, the change is reflected in subsequent changes to a corresponding electronic device. In addition, Hogan, Pub. No. 2003/0131077 teaches a method for validating network configuration change commands in a storage area network includes providing a change command to a

network management device residing in the network, where the change command expresses a change to the configuration of the network and implicitly indicates an initial configuration state of the network therein; determining a current configuration state for the network; and comparing the initial configuration state indicated by the change command to the current configuration state of the network. The change command is implemented by the network management device when the initial configuration state indicated by the change command correlates to the current configuration state of the network. However, they fail to teach or suggest individually or in combination that a system comprising: receiving a serialized stream of state change requests over a network for a network device, said network device having a current state object representing a current state of the network device; modifying a desired state object with each of the state change requests in the serialized stream, said desired state object representing a desired state for the network device; reading an instance of the desired state object at a particular instant in time; comparing the instance of the desired state object to the current state object; and determining a set of tasks to change the current state of the network device to the desired state based on the comparison as set forth in claims 1-33.

4. Examiner interprets the limitation "machine readable medium" as a device that stores computer instructions and participates in providing the computer instructions to a computer processor for execution. The machine readable medium includes non-volatile media, volatile media, computer storage devices and memories. For example, optical

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or magnetic disks, ROMs, PROMs, EPROMs, EEPROMs, RAM, hard disks, CDs, DVDs. The "machine readable medium" does not include acoustic or electromagnetic waves, such as those generated during radio-wave, infra-red, and optical data communications.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu whose telephone number is 571-272-3884. The examiner can normally be reached on 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

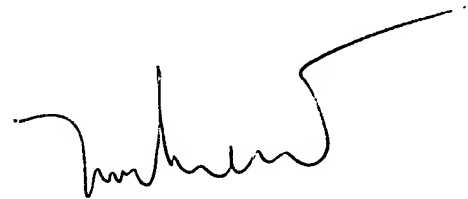
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic

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Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Le Hien Luu', written above a horizontal line.

LE HIEN LUU
PRIMARY EXAMINER